SERIAL DILUTION RESULTS SUMMARY

Login Number: D44495
Account: LTENCODE - LT Environmental
Project: Hi-Tec Plastics

QC Batch ID: MP9697
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:

Metal

(*) Outside of QC limits
(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: D44495
Account: LTENCODE - LT Environmental
Project: Hi-Tec Plastics

QC Batch ID: MP9708
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/25/13

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.011	.014	0.022	<0.10

Associated samples MP9708: D44495-1F, D44495-2F, D44495-3F, D44495-4F, D44495-5F, D44495-6F, D44495-7F, D44495-8F, D44495-9F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D44495
Account: LTENCODE - LT Environmental
Project: Hi-Tec Plastics

QC Batch ID: MP9708
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/25/13

Metal	D44495-5F Original	MS	Spikelot HGWSR1	% Rec	QC Limits
Mercury	0.026	3.7	3.13	117.6	75-125

Associated samples MP9708: D44495-1F, D44495-2F, D44495-3F, D44495-4F, D44495-5F, D44495-6F, D44495-7F, D44495-8F, D44495-9F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: D44495
Account: LTENCODE - LT Environmental
Project: Hi-Tec Plastics

QC Batch ID: MP9708
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/25/13

Metal	D44495-5F Original	MSD	Spikelot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.026	3.8	3.13	120.8	2.7	20

Associated samples MP9708: D44495-1F, D44495-2F, D44495-3F, D44495-4F, D44495-5F, D44495-6F, D44495-7F, D44495-8F, D44495-9F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: D44495
Account: LTENCODE - LT Environmental
Project: Hi-Tec Plastics

QC Batch ID: MP9708
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/25/13

Metal	BSP Result	Spikelot HGWSR1	% Rec	QC Limits
Mercury	3.6	3.13	115.2	80-120

Associated samples MP9708: D44495-1F, D44495-2F, D44495-3F, D44495-4F, D44495-5F, D44495-6F, D44495-7F, D44495-8F, D44495-9F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.2.3

Mountain States ACCUTEST LABORATORIES

03/27/13

Technical Report for

LT Environmental

Hi-Tec Plastics

046313001

Accutest Job Number: D44461

Sampling Date: 03/18/13

Report to:

LT Environmental
4600 West 60th Avenue
Arvada, CO 80003
sborden@ltenv.com; kkenyon@ltenv.com

ATTN: Susan Borden

Total number of pages in report: **54**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Brad Madadian
Laboratory Director

Client Service contact: Renea Jackson 303-425-6021

Certifications: CO, ID, NE, NM, ND (R-027) (PW), UT (NELAP CO00049), TX (T104704511-12-1)

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Sample Summary

LT Environmental

Job No: D44461

Hi-Tec Plastics
Project No: 046313001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D44461-1	03/18/13	08:40	MU	03/19/13	SO	Soil	BH01 15'-17'
D44461-2	03/18/13	09:15	MU	03/19/13	SO	Soil	BH02 15'-17'
D44461-3	03/18/13	09:55	MU	03/19/13	SO	Soil	BH03 15'-17'
D44461-4	03/18/13	11:00	MU	03/19/13	SO	Soil	BH04 16-17.5'
D44461-5	03/18/13	11:30	MU	03/19/13	SO	Soil	BH05 2'-4'
D44461-6	03/18/13	12:30	MU	03/19/13	SO	Soil	BH06 16-17.5'
D44461-7	03/18/13	13:30	MU	03/19/13	SO	Soil	BH07 14-16'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	LT Environmental	**Job No**	D44461
Site:	Hi-Tec Plastics	**Report Date**	3/26/2013 2:03:50 PM

On 03/19/2013, 7 sample(s), 0 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 3.3 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D44461 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Extractables by GC By Method SW846 8082A

Matrix SO **Batch ID:** OP7564

- All samples were extracted and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D44461-3MS, D44461-3MSD, OP7564-MSMSD were used as the QC samples indicated.
- Sample(s) D44461-5 have compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.
- Sample(s) D44461-5 have surrogates outside control limits. Probable cause due to matrix interference.
- D44461-5 Surrogate recovery outside control limits due to dilution.

Extractables by GC By Method SW846-8015B

Matrix SO **Batch ID:** OP7565

- All samples were extracted and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D44461-1MS, D44461-1MSD were used as the QC samples indicated.

Metals By Method SW846 6010C

Matrix SO **Batch ID:** MP9681

- All samples were digested and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D44461-1MS, D44461-1MSD, D44461-1SDL were used as the QC samples for the metals analysis.
- The serial dilution RPD(s) for Arsenic, Lead, Barium are outside control limits for sample MP9681-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP9681-SD1 for Barium: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471B

Matrix SO **Batch ID:** MP9693

- All samples were digested and analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D44461-1MS, D44461-1MSD were used as the QC samples for the metals analysis.

Wet Chemistry By Method SM19 2540B M

Matrix	SO	Batch ID:	GN19395

- The data for SM19 2540B M meets quality control requirements.

AMS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting AMS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

AMS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by AMS indicated via signature on the report cover.

Summary of Hits

Job Number: D44461
Account: LT Environmental
Project: Hi-Tec Plastics
Collected: 03/18/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D44461-1	**BH01 15'-17'**					
Aroclor 1248		62.8	18	7.2	ug/kg	SW846 8082A
Total PCBs		62.8	18	5.4	ug/kg	SW846 8082A
TPH-ORO (> C28-C40)		8.01 J	11	7.2	mg/kg	SW846-8015B
Barium		65.9	1.0		mg/kg	SW846 6010C
Chromium		4.7	1.0		mg/kg	SW846 6010C
Manganese		272	0.52		mg/kg	SW846 6010C
D44461-2	**BH02 15'-17'**					
Aroclor 1248		36.6	18	7.2	ug/kg	SW846 8082A
Total PCBs		36.6	18	5.4	ug/kg	SW846 8082A
Barium		60.1	1.0		mg/kg	SW846 6010C
Chromium		3.4	1.0		mg/kg	SW846 6010C
Manganese		233	0.52		mg/kg	SW846 6010C
D44461-3	**BH03 15'-17'**					
Barium		46.6	1.1		mg/kg	SW846 6010C
Chromium		1.9	1.1		mg/kg	SW846 6010C
Manganese		241	0.53		mg/kg	SW846 6010C
D44461-4	**BH04 16-17.5'**					
Barium		122	1.1		mg/kg	SW846 6010C
Chromium		3.4	1.1		mg/kg	SW846 6010C
Lead		6.1	5.4		mg/kg	SW846 6010C
Manganese		490	0.54		mg/kg	SW846 6010C
D44461-5	**BH05 2'-4'**					
Aroclor 1248		762000 E	19000	7400	ug/kg	SW846 8082A
Total PCBs		762000 E	19000	5600	ug/kg	SW846 8082A
TPH-DRO (C10-C28)		134	37	32	mg/kg	SW846-8015B
TPH-ORO (> C28-C40)		476	56	37	mg/kg	SW846-8015B
Barium		128	1.1		mg/kg	SW846 6010C
Chromium		8.1	1.1		mg/kg	SW846 6010C
Lead		9.9	5.7		mg/kg	SW846 6010C
Manganese		320	0.57		mg/kg	SW846 6010C
D44461-6	**BH06 16-17.5'**					
Aroclor 1248		242	19	7.5	ug/kg	SW846 8082A
Total PCBs		242	19	5.7	ug/kg	SW846 8082A

Summary of Hits

Job Number: D44461
Account: LT Environmental
Project: Hi-Tec Plastics
Collected: 03/18/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
TPH-DRO (C10-C28)		938	150	130	mg/kg	SW846-8015B
TPH-ORO (> C28-C40)		3730	230	150	mg/kg	SW846-8015B
Barium		85.6	1.1		mg/kg	SW846 6010C
Chromium		2.0	1.1		mg/kg	SW846 6010C
Manganese		244	0.56		mg/kg	SW846 6010C
D44461-7	**BH07 14-16'**					
TPH-ORO (> C28-C40)		19.3	11	7.6	mg/kg	SW846-8015B
Barium		33.1	1.2		mg/kg	SW846 6010C
Chromium		3.0	1.2		mg/kg	SW846 6010C
Manganese		193	0.58		mg/kg	SW846 6010C

Mountain States ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BH01 15'-17'		
Lab Sample ID:	D44461-1	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.4
Project:	Hi-Tec Plastics		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EA14667.D	1	03/25/13	TR	03/20/13	OP7564	GEA594
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.2	ug/kg	
11104-28-2	Aroclor 1221	ND	18	13	ug/kg	
11141-16-5	Aroclor 1232	ND	18	13	ug/kg	
53469-21-9	Aroclor 1242	ND	18	7.2	ug/kg	
12672-29-6	Aroclor 1248	62.8	18	7.2	ug/kg	
11097-69-1	Aroclor 1254	ND	18	7.2	ug/kg	
11096-82-5	Aroclor 1260	ND	18	7.2	ug/kg	
37324-23-5	Aroclor 1262	ND	18	7.2	ug/kg	
11100-14-4	Aroclor 1268	ND	18	5.4	ug/kg	
1336-36-3	Total PCBs	62.8	18	5.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	112%		10-170%
877-09-8	Tetrachloro-m-xylene	94%		10-170%
2051-24-3	Decachlorobiphenyl	116%		13-184%
2051-24-3	Decachlorobiphenyl	111%		13-184%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BH01 15'-17'		
Lab Sample ID:	D44461-1	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
Method:	SW846-8015B SW846 3546	**Percent Solids:**	92.4
Project:	Hi-Tec Plastics		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FI07382.D	1	03/21/13	AV	03/20/13	OP7565	GFI543
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	7.2	6.1	mg/kg	
	TPH-ORO (> C28-C40)	8.01	11	7.2	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		35-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	BH01 15'-17'		
Lab Sample ID:	D44461-1	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
		Percent Solids:	92.4
Project:	Hi-Tec Plastics		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 2.6	2.6	mg/kg	1	03/20/13	03/21/13	JB	SW846 6010C [3]	SW846 3050B [4]
Barium	65.9	1.0	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 1.0	1.0	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Chromium	4.7	1.0	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Lead	< 5.2	5.2	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Manganese	272	0.52	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Mercury	< 0.087	0.087	mg/kg	1	03/21/13	03/21/13	JM	SW846 7471B [2]	SW846 7471B [5]
Selenium	< 5.2	5.2	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Silver	< 3.1	3.1	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3395
(2) Instrument QC Batch: MA3396
(3) Instrument QC Batch: MA3397
(4) Prep QC Batch: MP9681
(5) Prep QC Batch: MP9693

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	BH02 15'-17'		
Lab Sample ID:	D44461-2	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.4
Project:	Hi-Tec Plastics		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EA14668.D	1	03/25/13	TR	03/20/13	OP7564	GEA594
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.2	ug/kg	
11104-28-2	Aroclor 1221	ND	18	13	ug/kg	
11141-16-5	Aroclor 1232	ND	18	13	ug/kg	
53469-21-9	Aroclor 1242	ND	18	7.2	ug/kg	
12672-29-6	Aroclor 1248	36.6	18	7.2	ug/kg	
11097-69-1	Aroclor 1254	ND	18	7.2	ug/kg	
11096-82-5	Aroclor 1260	ND	18	7.2	ug/kg	
37324-23-5	Aroclor 1262	ND	18	7.2	ug/kg	
11100-14-4	Aroclor 1268	ND	18	5.4	ug/kg	
1336-36-3	Total PCBs	36.6	18	5.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	120%		10-170%
877-09-8	Tetrachloro-m-xylene	101%		10-170%
2051-24-3	Decachlorobiphenyl	120%		13-184%
2051-24-3	Decachlorobiphenyl	113%		13-184%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: BH02 15'-17'
Lab Sample ID: D44461-2
Matrix: SO - Soil
Method: SW846-8015B SW846 3546
Project: Hi-Tec Plastics

Date Sampled: 03/18/13
Date Received: 03/19/13
Percent Solids: 92.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FI07362.D	1	03/20/13	AV	03/20/13	OP7565	GFI541
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	7.2	6.1	mg/kg	
	TPH-ORO (> C28-C40)	ND	11	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	74%		35-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH02 15'-17'		
Lab Sample ID:	D44461-2	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
		Percent Solids:	92.4
Project:	Hi-Tec Plastics		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 2.6	2.6	mg/kg	1	03/20/13	03/21/13	JB	SW846 6010C [3]	SW846 3050B [4]
Barium	60.1	1.0	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 1.0	1.0	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.4	1.0	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Lead	< 5.2	5.2	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Manganese	233	0.52	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Mercury	< 0.087	0.087	mg/kg	1	03/21/13	03/21/13	JM	SW846 7471B [2]	SW846 7471B [5]
Selenium	< 5.2	5.2	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Silver	< 3.1	3.1	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3395
(2) Instrument QC Batch: MA3396
(3) Instrument QC Batch: MA3397
(4) Prep QC Batch: MP9681
(5) Prep QC Batch: MP9693

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BH03 15'-17'		
Lab Sample ID:	D44461-3	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
Method:	SW846 8082A SW846 3546	**Percent Solids:**	94.2
Project:	Hi-Tec Plastics		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EA14605.D	1	03/22/13	TR	03/20/13	OP7564	GEA591
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.1	ug/kg	
11104-28-2	Aroclor 1221	ND	18	13	ug/kg	
11141-16-5	Aroclor 1232	ND	18	13	ug/kg	
53469-21-9	Aroclor 1242	ND	18	7.1	ug/kg	
12672-29-6	Aroclor 1248	ND	18	7.1	ug/kg	
11097-69-1	Aroclor 1254	ND	18	7.1	ug/kg	
11096-82-5	Aroclor 1260	ND	18	7.1	ug/kg	
37324-23-5	Aroclor 1262	ND	18	7.1	ug/kg	
11100-14-4	Aroclor 1268	ND	18	5.3	ug/kg	
1336-36-3	Total PCBs	ND	18	5.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		10-170%
877-09-8	Tetrachloro-m-xylene	98%		10-170%
2051-24-3	Decachlorobiphenyl	104%		13-184%
2051-24-3	Decachlorobiphenyl	106%		13-184%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH03 15'-17'		
Lab Sample ID:	D44461-3	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
Method:	SW846-8015B SW846 3546	**Percent Solids:**	94.2
Project:	Hi-Tec Plastics		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FI07364.D	1	03/20/13	AV	03/20/13	OP7565	GFI541
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	7.1	6.0	mg/kg	
	TPH-ORO (> C28-C40)	ND	11	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		35-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH03 15'-17'		
Lab Sample ID:	D44461-3	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
		Percent Solids:	94.2
Project:	Hi-Tec Plastics		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 2.7	2.7	mg/kg	1	03/20/13	03/21/13	JB	SW846 6010C [3]	SW846 3050B [4]
Barium	46.6	1.1	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Cadmium	< 1.1	1.1	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Chromium	1.9	1.1	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Lead	< 5.3	5.3	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Manganese	241	0.53	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Mercury	< 0.086	0.086	mg/kg	1	03/21/13	03/21/13	JM	SW846 7471B [2]	SW846 7471B [5]
Selenium	< 5.3	5.3	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]
Silver	< 3.2	3.2	mg/kg	1	03/20/13	03/20/13	JB	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA3395
(2) Instrument QC Batch: MA3396
(3) Instrument QC Batch: MA3397
(4) Prep QC Batch: MP9681
(5) Prep QC Batch: MP9693

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BH04 16-17.5'		
Lab Sample ID:	D44461-4	**Date Sampled:**	03/18/13
Matrix:	SO - Soil	**Date Received:**	03/19/13
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.7
Project:	Hi-Tec Plastics		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EA14669.D	1	03/26/13	TR	03/20/13	OP7564	GEA594
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.2	ug/kg	
11104-28-2	Aroclor 1221	ND	18	13	ug/kg	
11141-16-5	Aroclor 1232	ND	18	13	ug/kg	
53469-21-9	Aroclor 1242	ND	18	7.2	ug/kg	
12672-29-6	Aroclor 1248	ND	18	7.2	ug/kg	
11097-69-1	Aroclor 1254	ND	18	7.2	ug/kg	
11096-82-5	Aroclor 1260	ND	18	7.2	ug/kg	
37324-23-5	Aroclor 1262	ND	18	7.2	ug/kg	
11100-14-4	Aroclor 1268	ND	18	5.4	ug/kg	
1336-36-3	Total PCBs	ND	18	5.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	117%		10-170%
877-09-8	Tetrachloro-m-xylene	97%		10-170%
2051-24-3	Decachlorobiphenyl	116%		13-184%
2051-24-3	Decachlorobiphenyl	110%		13-184%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound